

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER (ER 1130-2-306)					PAGE	1	OF	1
					DATE	September 2006		
TO: The Record				FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090				
RIVER/HARBOR NAME AND STATE: NY & NJ Channels, Vicinity of Outerbridge to Seguine Point Bend Reaches					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n. miles)	DEPTH (feet)				
Seguine Point Bend Reach (Reach Q) (Partial) – From a point approx. 600 ft. seaward of GREEN BUOY #31 to GREEN BUOY #35	Map 1284, Pg 5 of 5; 24-26 July & 2-3 August 2006	800 – 600	0.79	35	32.5	34.7	37.3	27.5
Red Bank Reach (Reach P) – From GREEN BUOY #35 to a point approx. 100 ft. seaward of GREEN BUOY #47	Map 1284, Pgs 4-5 of 5; 24-26 July & 2-3 August 2006	600	1.74	35	33.3	40.8	41.0	35.5
Ward Point Bend East Reach (Reach O) – From a point approx. 100 ft. seaward of GREEN BUOY #47 to RED BUOY #56	Map 1284, Pgs 3-4 of 5; 24-26 July & 2-3 August 2006	800 - 600	0.96	35	29.7	39.4	36.8	33.8
Ward Point Bend West Reach (Reach N) – From RED BUOY #56 to a point approx. 3,380 ft. landward of RED NUN #60	Map 1284, Pgs 2-3 of 5; 24-26 July & 2-3 August 2006	600	1.56	35	35.2	34.8	31.8	31.6
Outerbridge Reach (Reach M) (Partial) – From a point approx. 3,380 ft. landward of RED NUN #60 to a distance approx. 800 ft. landward of RED GAS #2	Map 1284, Pgs 1-2 of 5; 24-26 July & 2-3 August 2006	600	0.77	35	34.7	35.5	36.5	34.3
REMARKS: <ul style="list-style-type: none"> All depths in MLW. Channel length is in nautical miles Shoaling by Reaches: <ul style="list-style-type: none"> Seguine Point Bend Reach (Reach Q) (Partial): Several minor narrow-strip shoals exist along the right channel line with a minimum depth of 27.5'. A 220' wide shoal exists along the left channel line between GREEN BUOYS #31 and #33 with a minimum depth of 33.6'. A 140' wide shoal exists along the left channel line between GREEN BUOYS #33 and #35 with a minimum depth of 32.5'. Red Bank and Ward Point Bend East Reaches (Reaches P and O): There are several minor narrow-strip shoals along the edges of the channel throughout these reaches. Ward Point Bend West Reach (Reach N): A shoal spans across the right half of the channel from RED BUOY #56 to RED NUN #60 with a minimum depth of 31.6', and two minor narrow-strip shoals along the right channel line landward of RED NUN #60. Outerbridge Reach (Partial) (Reach M): There are two small spot shoals with minimum depths of 34.3' and 34.7' in this reach. 								